PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference tp1507 wo	FOR FURTHER see Form P ACTION as well as, where ap	CT/ISA/220 oplicable, item 5 below.		
International application No.	International filing date (day month year)	(Earliest) Priority Date (day/month/year)		
PCT/SE 2004/000892	8 June 2004	19 June 2003		
Applicant	o dune 2007	19 June 2003		
TETRA LAVAL HOLDINGS & FIR	NANCE SA et al			
This international search report has applicant according to Article 18. A	peen prepared by this International Searchicopy is being transmitted to the Internation	ng Authority and is transmitted to the al Bureau.		
This international search report consi	ists of a total of 2 sheets.			
It is also accompanied by	a copy of each prior art document cited in	n this report.		
1. Basis of the report	·			
 a. With regard to the language, the in the language in which it was 	ne international search was carried out on t filed, unless otherwise indicated under this	he basis of the international application item.		
The international sea furnished to this Aut	arch was carried out on the basis of a trans hority (Rule 23.1(b)).	slation of the international application		
b. With regard to any nucleo	tide and/or amino acid sequence disclosed in	n the international application, see Box		
2. Certain claims were found	unsearchable (see Box No. II)			
3. Unity of invention is lacki	ng (see Box No. III)			
4. With regard to the title,		•		
the text is approved as su	bmitted by the applicant.			
the text has been establish	ned by this Authority to read as follows:			
		·		
<u> </u>		•		
·	•			
5. With regard to the abstract,				
the text is approved as su	· · · · · · · · · · · · · · · · ·			
the text has been establish applicant may, within one comments to this Authorit	ted, according to Rule 38.2(b), by this Authornous month from the date of mailing of this into ty.	nority as it appears in Box No. IV. The ernational search report, submit		
6. With regard to the drawings,	· ·	·		
1	published with the abstract is Figure No.	1		
as suggested by the applicant.				
as selected by this Authority, because the applicant failed to suggest a figure.				
as selected by this Authority, because this figure better characterizes the invention.				
b. none of the figures is to be published with the abstract.				

Form PCT/ISA/210 (first sheet) (January 2004)

International application No. PCT/SE 2004/000892

A. CLASSIFICATION OF SUBJECT MATTER IPC7: G01K 1/14, G12B 9/08 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC7: G12B, G01K Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched SE,DK,FI,NO classes as above Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EPO-INTENAL, WPI, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. US 6579030 B2 (G.UHLER ET AL), 17 June 2003 Α 1-13 (17.06.2003), figure 2 A US 6032538 A (D.D.RICKMAN ET AL), 7 March 2000 1-13 (07.03.2000), figures 1-2 A FR 2817322 A1 (ELECTRICITE DE FRANCE), 31 May 1-13 2002 (31.05.2002), figures 2-3 Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: later document published after the international filing date or priority document defining the general state of the art which is not considered to be of particular relevance date and not in conflict with the application but cited to understand the principle or theory underlying the invention earlier application or patent but published on or after the international document of particular relevance: the claimed invention cannot be filing date considered novel or cannot be considered to involve an inventive document which may throw doubts on priority claim(s) or which is step when the document is taken alone cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is document referring to an oral disclosure, use, exhibition or other combined with one or more other such documents, such combination being obvious to a person skilled in the art document published prior to the international filing date but later than "&" document member of the same patent family the priority date claimed Date of the actual completion of the international search Date of mailing of the international search report 6 -09- 2004 6 Sept 2004 Name and mailing address of the ISA/ Authorized officer Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Lars Jakobsson / itw Facsimile No. +46 8 666 02 86 Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT Information on patent family members

31/07/2004

International application No. PCT/SE 2004/000892

US	6579030	B2	17/06/2003	US 20021725	550 A 21/11/20	02
US	6032538	A	07/03/2000	NONE		
FR	2817322	A1	31/05/2002	NONE		

Form PCT/ISA/210 (patent family annex) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000892

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G01K 1/14, G12B 9/08
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G12B, G01K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTENAL, WPI, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6579030 B2 (G.UHLER ET AL), 17 June 2003 (17.06.2003), figure 2	1-13
		
A	US 6032538 A (D.D.RICKMAN ET AL), 7 March 2000 (07.03.2000), figures 1-2	1-13
A	FR 2817322 A1 (ELECTRICITE DE FRANCE), 31 May 2002 (31.05.2002), figures 2-3	1-13

旦	ruther documents are listed in the continuation of Box	C.	X See patent family annex.
*	Special categories of cited documents:	"T"	lotes dominant withink of the state of the s
"A"	document defining the general state of the art which is not considered to be of particular relevance	•	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent but published on or after the international filing date	"X"	document of particular relevance: the claimed invention cannot be
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other		considered novel or cannot be considered to involve an inventive step when the document is taken alone
1	special reason (as specified)	"Y"	document of particular relevance: the claimed invention cannot be
"0"	document referring to an oral disclosure, use, exhibition or other means		considered to involve an inventive step when the document is combined with one or more other such documents, such combination
"P"	document published prior to the international filing date but later than		being obvious to a person skilled in the art
the pri	se priority date claimed	"&"	document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report 1 6 -09- 2004

6 Sept 2004

Name and mailing address of the ISA/ **Swedish Patent Office**

Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86

Authorized officer

Lars Jakobsson / itw Telephone No. +46 8 782 25 00

Form PCT/ISA/210 (second sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

Information on patent family members

31/07/2004

International application No. PCT/SE 2004/000892

US	6579030	B2	17/06/2003	US 2002172550 A 2	21/11/2002
US	6032538	Å	07/03/2000	NONE	
FR			31/05/2002	NONE	

Form PCT/ISA/210 (patent family annex) (January 2004)